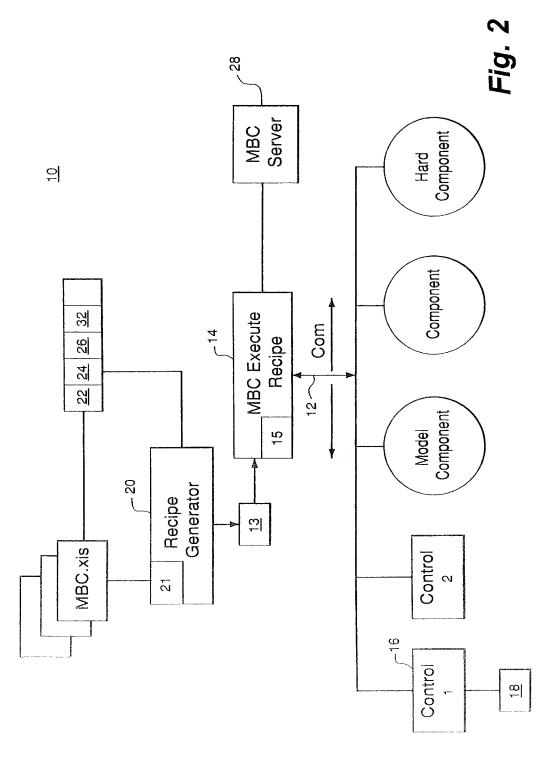


Fig. 1



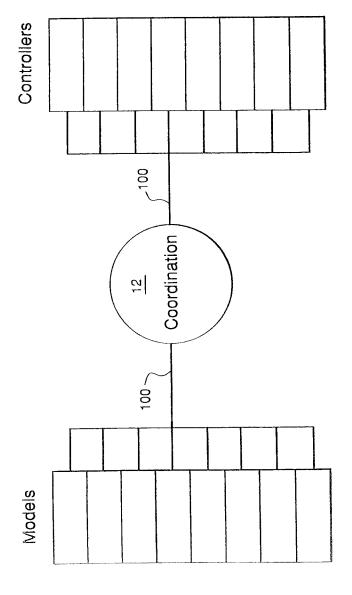
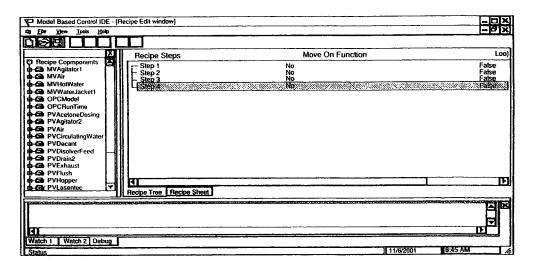


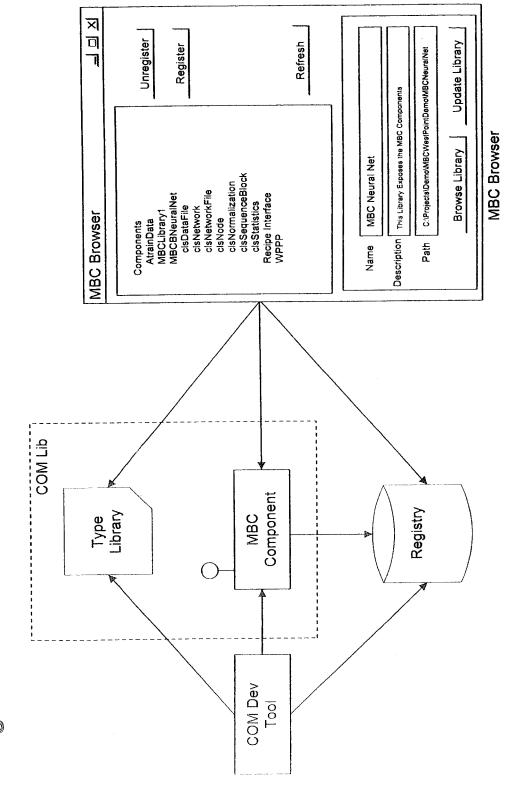
Fig. 2A



Aecipe Edit Window				_ D>
Recipe Steps	Move On function	Loop	LoopTime	StepTime
r Step 1 F Step 2 L Step 3	No No No	False False False	10 0 0	100 0 0
Recipe Tree Recipe Scheet				

டி Recipe Step Detail		M
Step No: Description: Step 1		
Pre-Process Step		1
Post-Process Step		
Component Commands Loc	op Control	7
A Mo	ve On: No	
V Loc	pp Time: 10	
Ste	p Time: 100 Units: ms ▼	
+		J
	First Prev Next Last	

Fig. 3



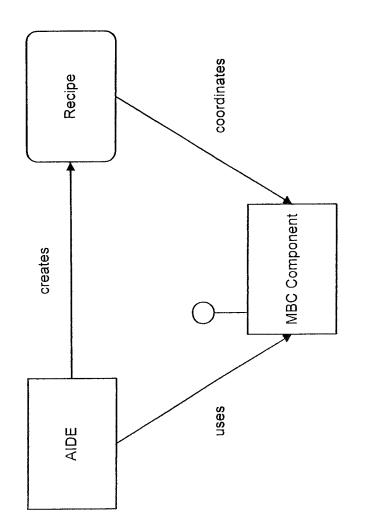
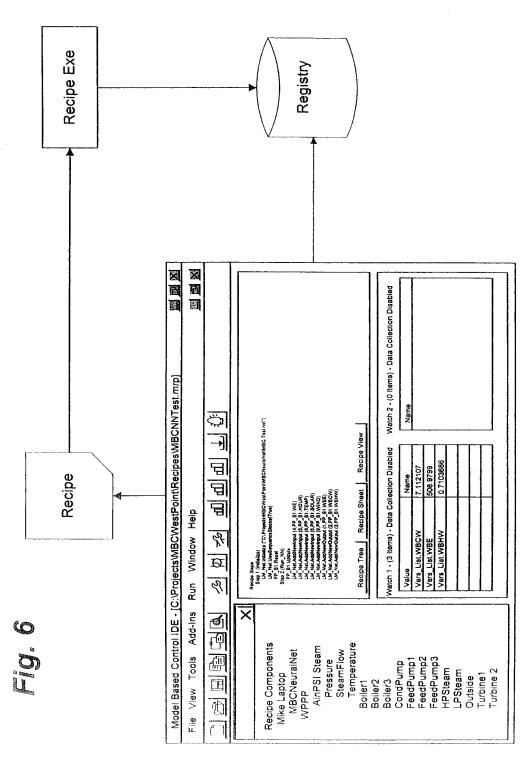
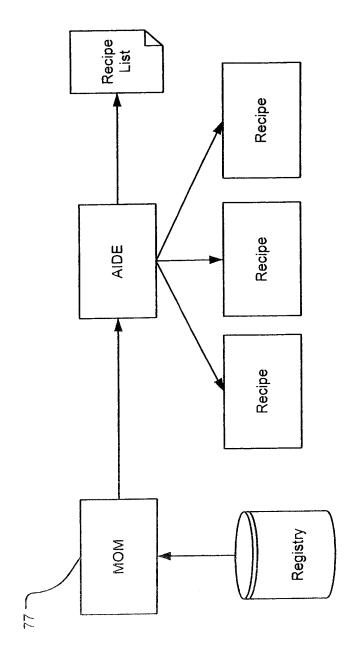


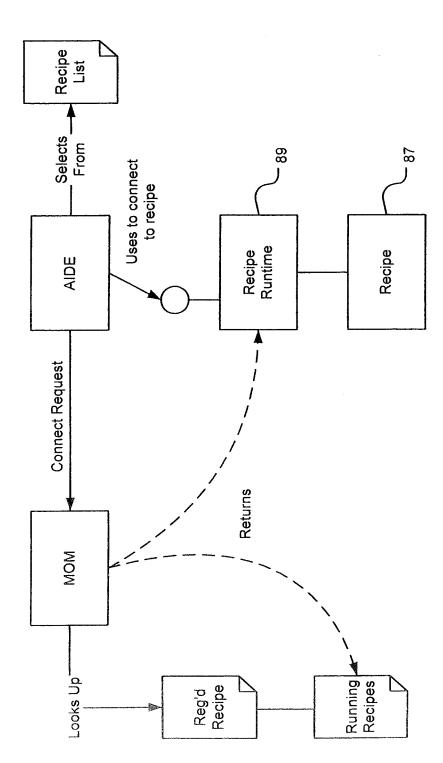
Fig. 5

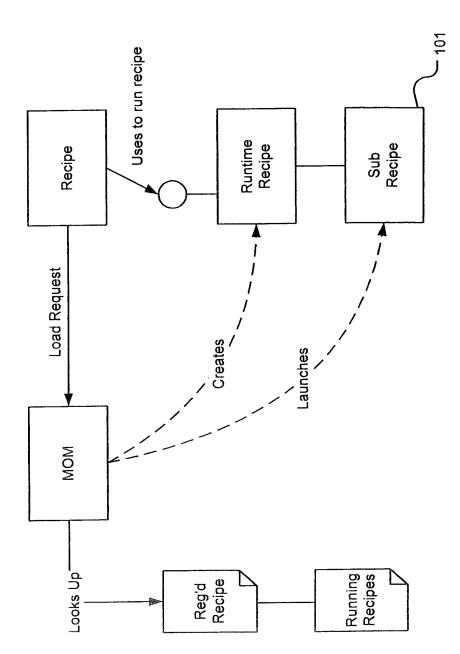
:

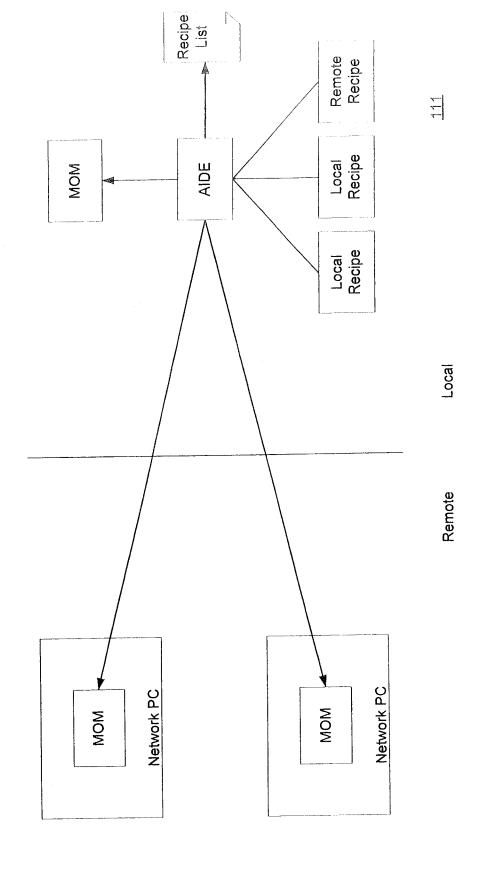


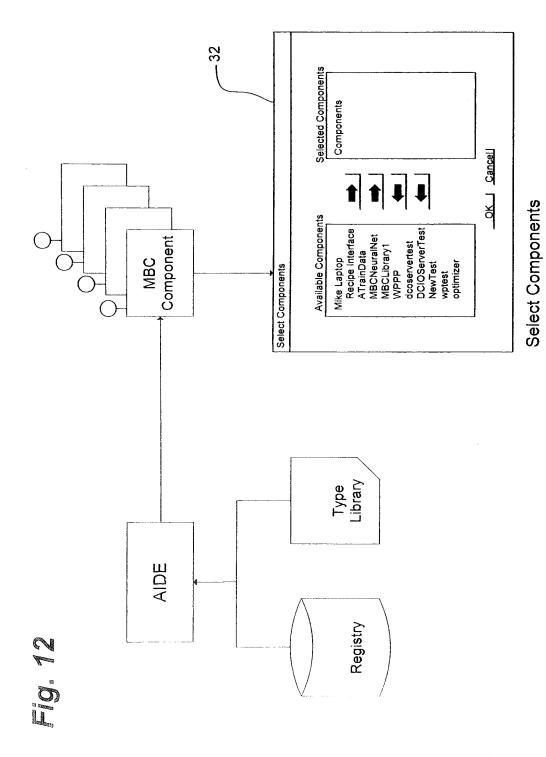
AIDE

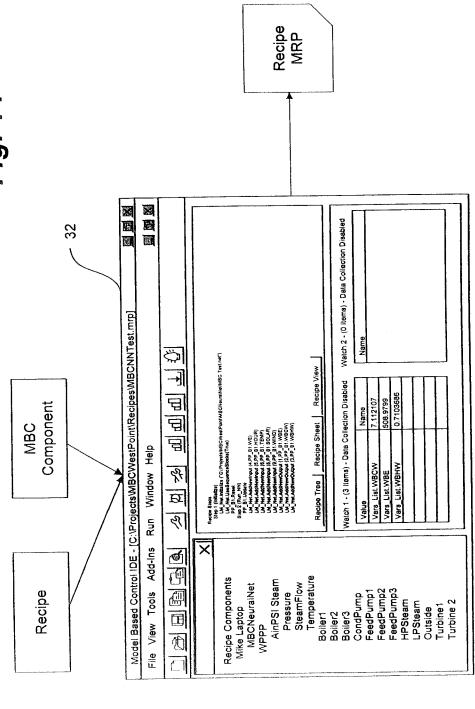




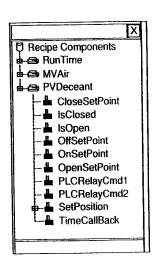








AIDE



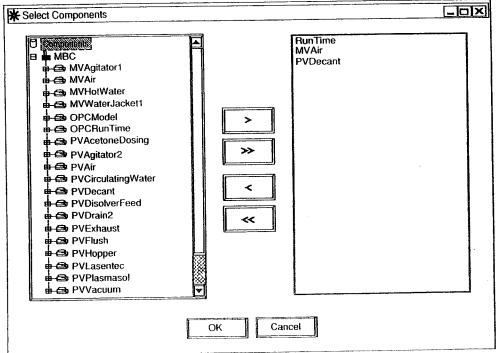
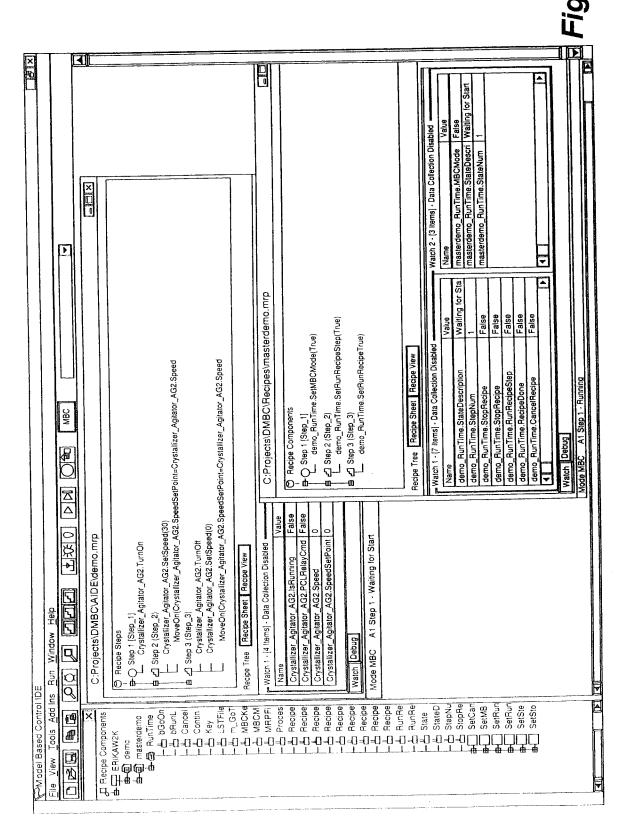


Fig. 15



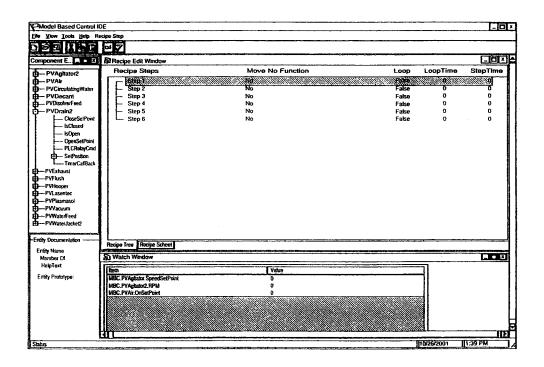


Fig. 17

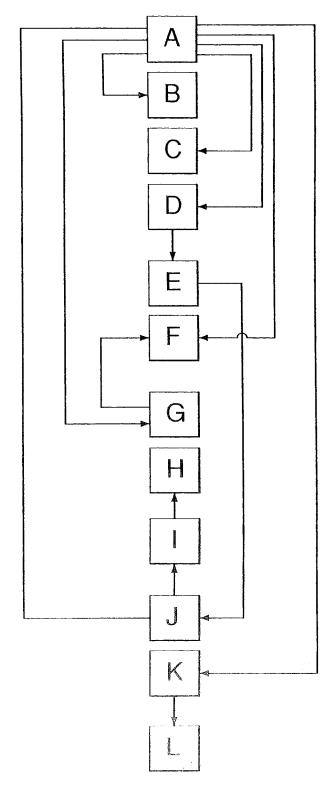


Fig. 18

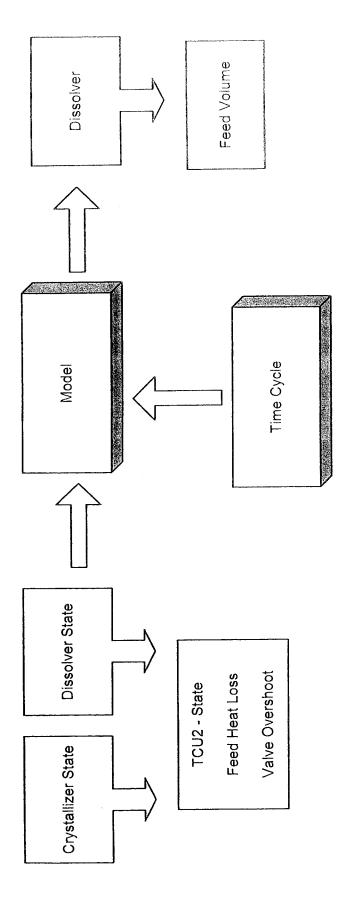
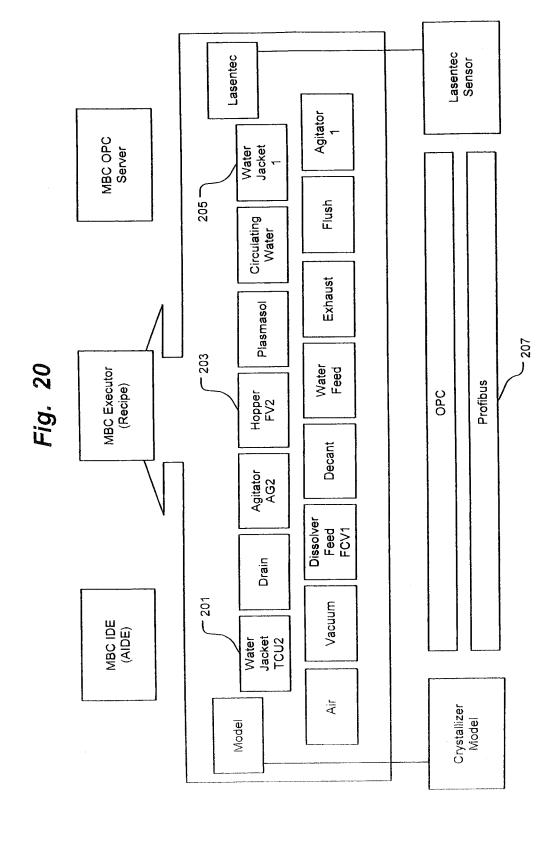


Fig. 19



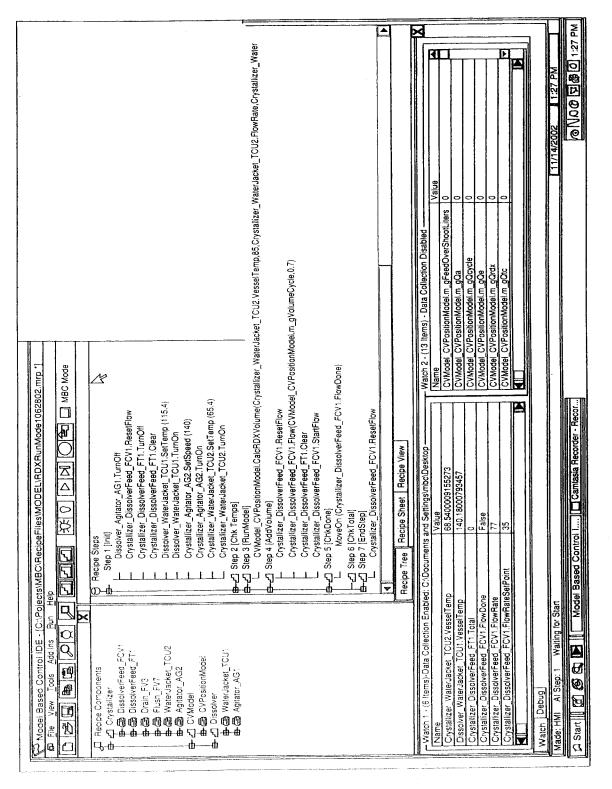
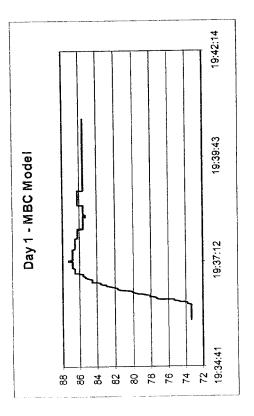
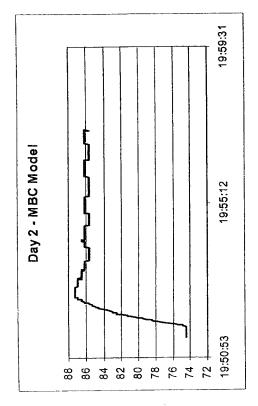
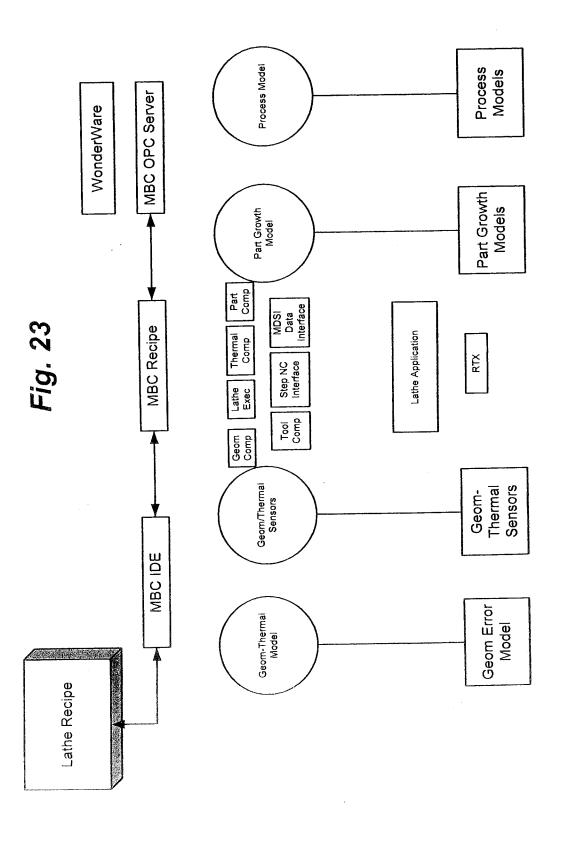


Fig. 21







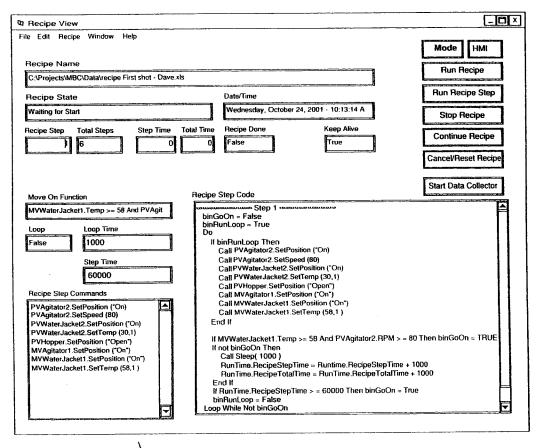


Fig. 24

Item	Value	
MBC.PVAgitator2.SpeedSetPoint	0	
MBC.PVAgitator2.RPM	0	
MBC.PVAir.OnSetPoint	0	⊽∭
1		
Watch1 Watch2 Debug		

Fig. 25

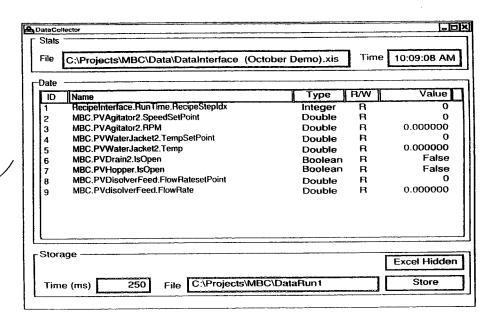


Fig. 26

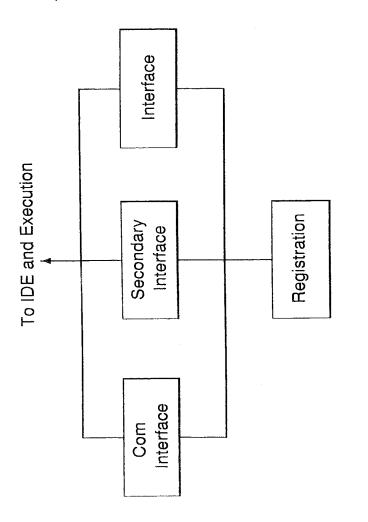


Fig. 27

and the second s		
	Component	
MBC	PVAgitator2	
MBC	PVWaterJacket2	
MBC	PVDrain2	
MBC	PVWaterFeed	
MBC	PVHopper	
MBC	PVDecant	
MBC	PVDisolverFeed	
MBC	PVFlush	
MBC	MVAgitator1	
MBC	MVWaterJacket1	
MBC	PVExhaust	
MBC	PVPlasmasol	
MBC	PVAir	
МВС	PVVacuum	
МВС	PVCirculatingWater	
MBC	PVAcetoneDosing	
MBC	MVAir	
	MVHotWater	
	PVLasentec	
MBC	OPCModel	
	OPCRuntime	
	RunTime	
<u> </u>		
MBC MBC MBC MBC MBC MBC MBC MBC	PVAir PVVacuum PVCirculatingWate PVAcetoneDosing MVAir MVHotWater PVLasentec OPCModel	

Fig. 28

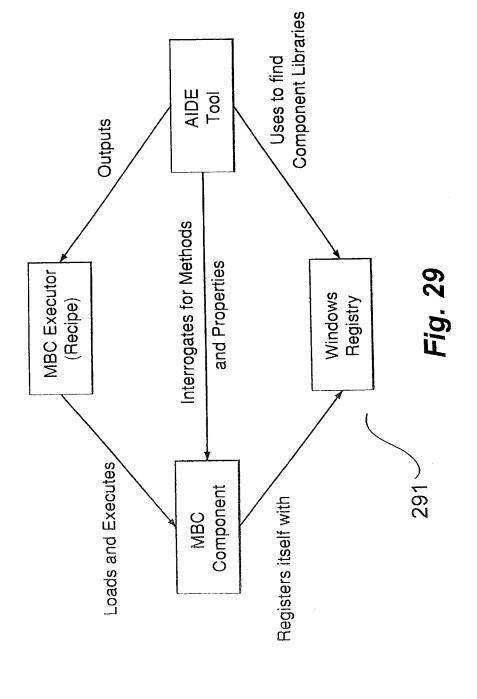
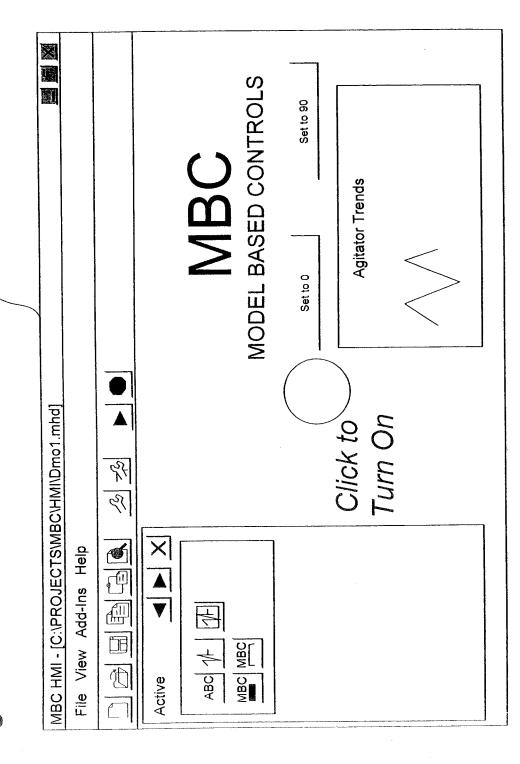


Fig. 30



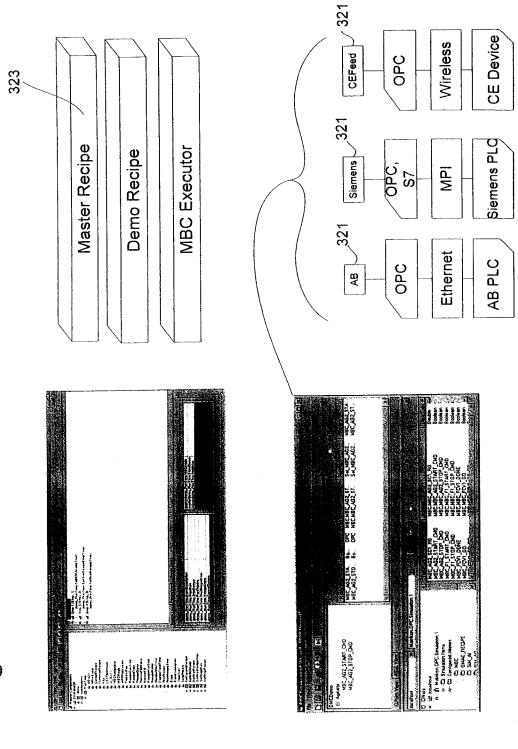


Fig. 33

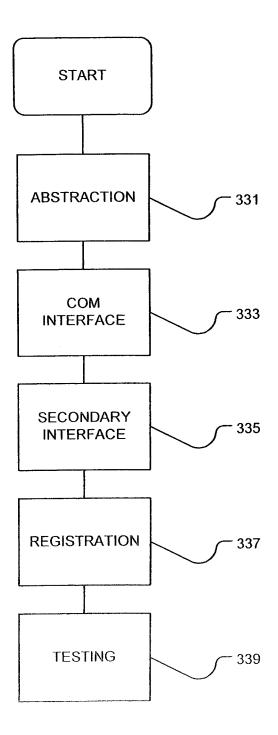


Fig. 34

Initialize()Reset()

Name : String

∀ Handle : Long

∀ Value : Variant

© CanInitiate : Boolean

Sequals(): Long

♦ IsEqual(): Boolean

Fig. 35



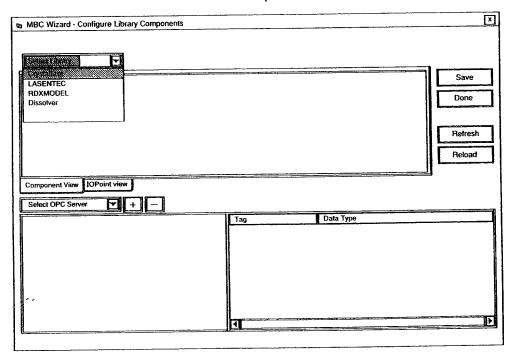


Fig. 36



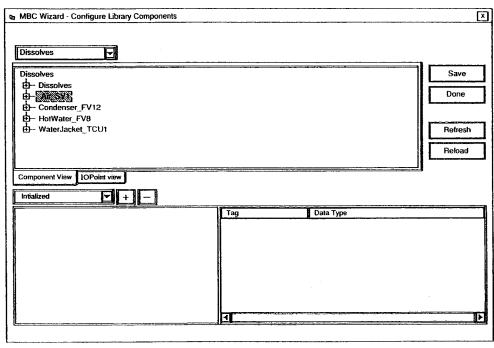


Fig. 37



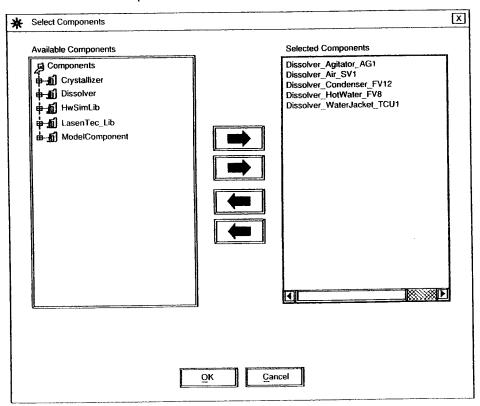


Fig. 38



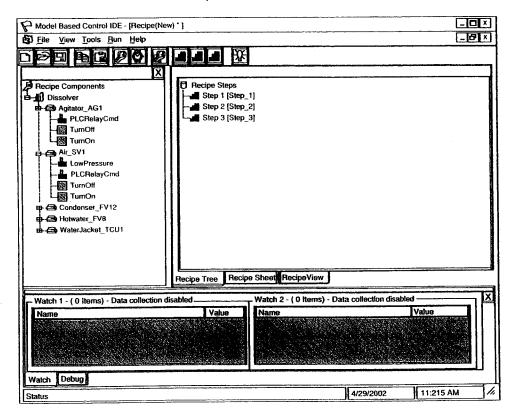


Fig. 39

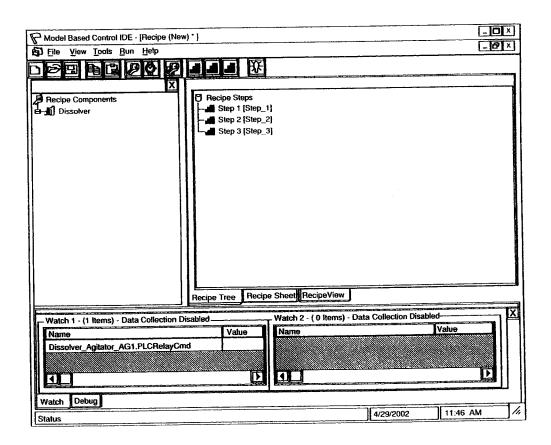


Fig. 40

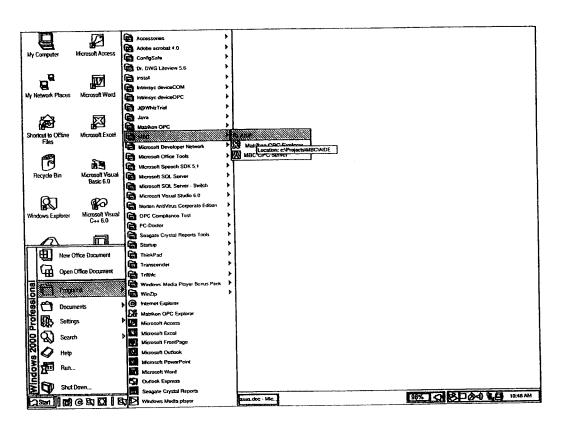


Fig. 41

Model Based Control IDE - [C:Projects\)	/BCVAIDE\Demo recipe (mp)			- 명 :
STEN View Looks Bun Help				
PRecipe Components - Crystafizer - Agitator_AG2 - Is Is Running - PLCRetayCod - Is SpeedSetPoint	Step 1 (Start_Up) Crystalkzer_Waterin_FV11 Crystalkzer_Agitator_AG2.	TumOn		
SetSpeed SurnOtt TurnOn	G Step 3 [Water_Shut_Off] Crystallizer_Waterin_FV11 G Step 4 (Agitator_AG2.TurnOff	l.CloseVale		
B-Ga Drain_FV3	Crystalitzor_Agitator_AG2. MoveOn (Crystalitzor_A Step 5 (Open_Orain) Crystalitzor_Drain_FV3.Or	lgitator_AG2.Specd=0]		
ClosoValve OpenValve BCal Waterin_Fv11	d 🗐 Step 6 (Close_Drain) — Crystallizer_Drain_FV3.Cl	osoValve		
LISOpen PLCRelayCmd CloseValve OpenValve				
	Recipe Tree Recipe Sheet Reci	peView		
-Watch 1 - (4 Items) - DataCollection Disable	1		Disabled	
Name	Valve	Name	Valve	\exists
Crystallizer_Agitator_AG2.lsRunning		Crystallizer_Drain_FV3.tsOpen		
Crystallizer Agitator AG2.PLCRelayCmd	T	Crystaffizer_Drain_FV3.lsClosed		
Crystalizer_Agitator_AG2.Speed		Crystaffizer_WaterIn_FV11.lsOpen Crystaffizer_WaterIn_FV11.lsClosed		
Crystallizer Agitator AG2 SpeedSetPoint				_D
		ा ध		
Watch Debug			4/29/2002 9:56 A	м к

Fig. 42

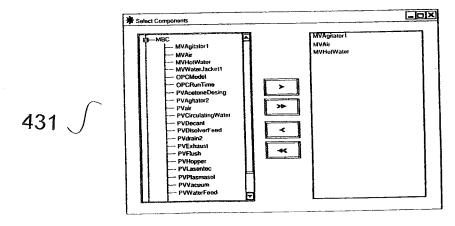


Fig. 43

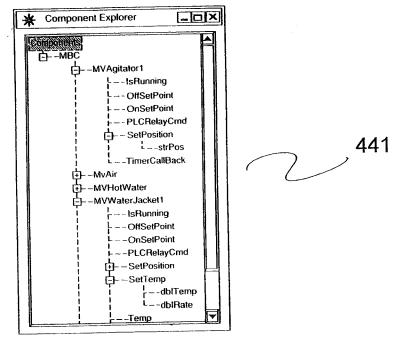


Fig. 44



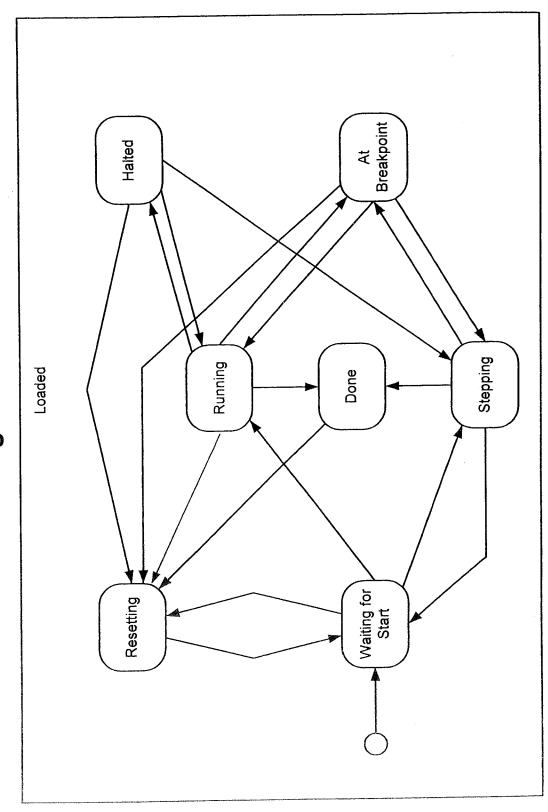
			LoopTime	StepTime
Recipe Steps	Move On Function	Loop	roobtime	Stebrane
, Step 1	No	False	0	0
I Step 2	No	False	0	0
O Stellar	HVAqitalor:FPM = 60	Palse.	0	0/11/11/0
F-PVAgitator2.SetSpeed	("On")			
L-PVAir.SetPosition ("O	n")			
iStep 4	No	False	0	0
L-Step5	No	False	U	0
1				
1				
1				
}				
b				
ii .				
1				

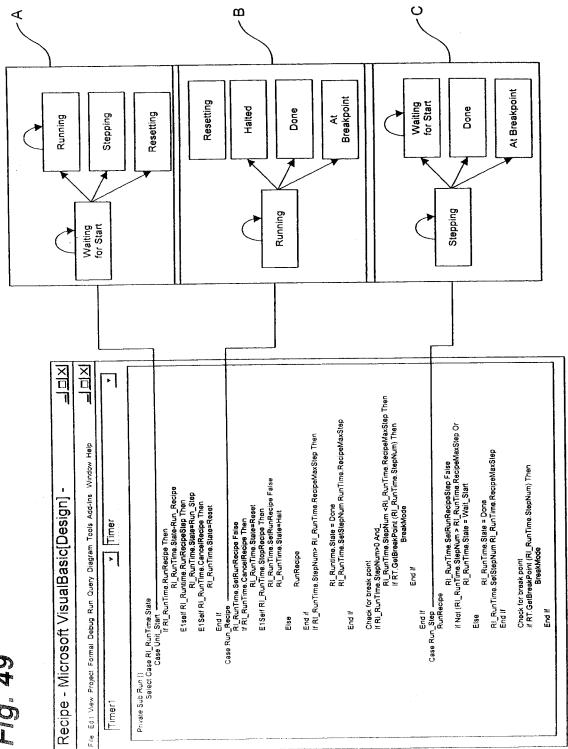
Fig. 45



৸ Recipe Step Detail	X
Step No: Description: Step	OK Cancel
Pre-Process Step	
Post-Process Step	
Component Commands MBC.PVAgitator.SetPosition("ON") MBC.PVAir.SetPosition("Open") + -	Loop Control

Fig. 46





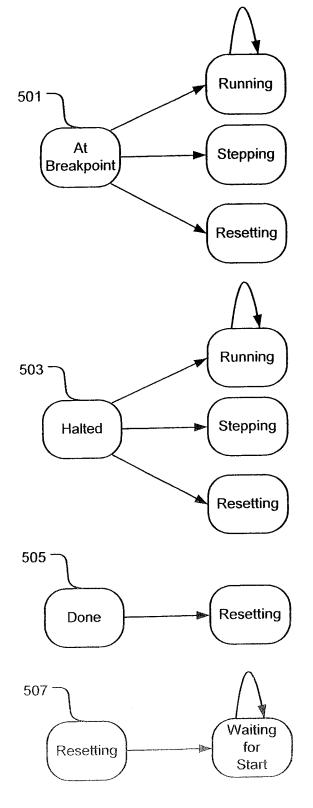


Fig. 50

7 2 2 3

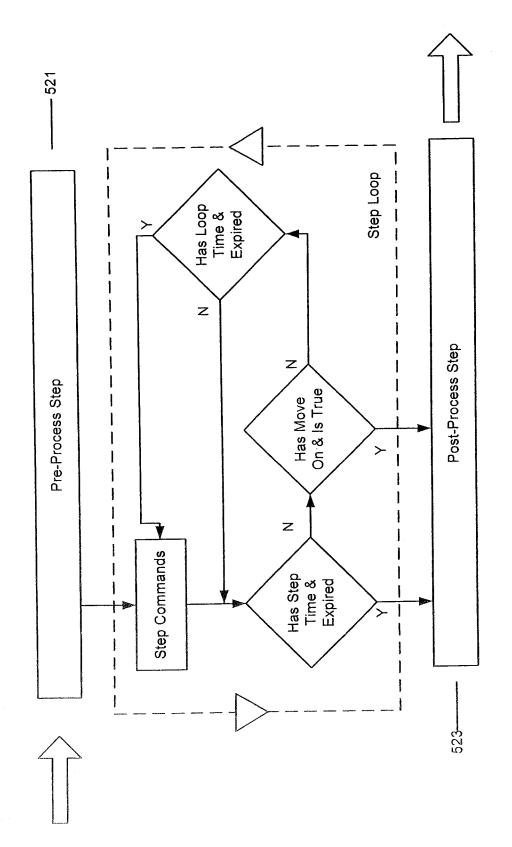
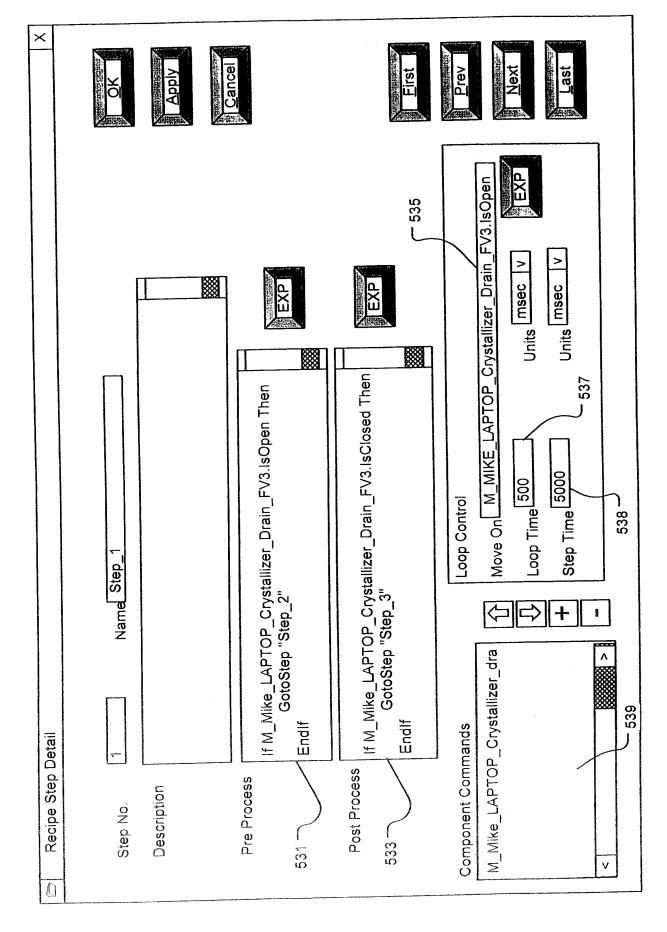
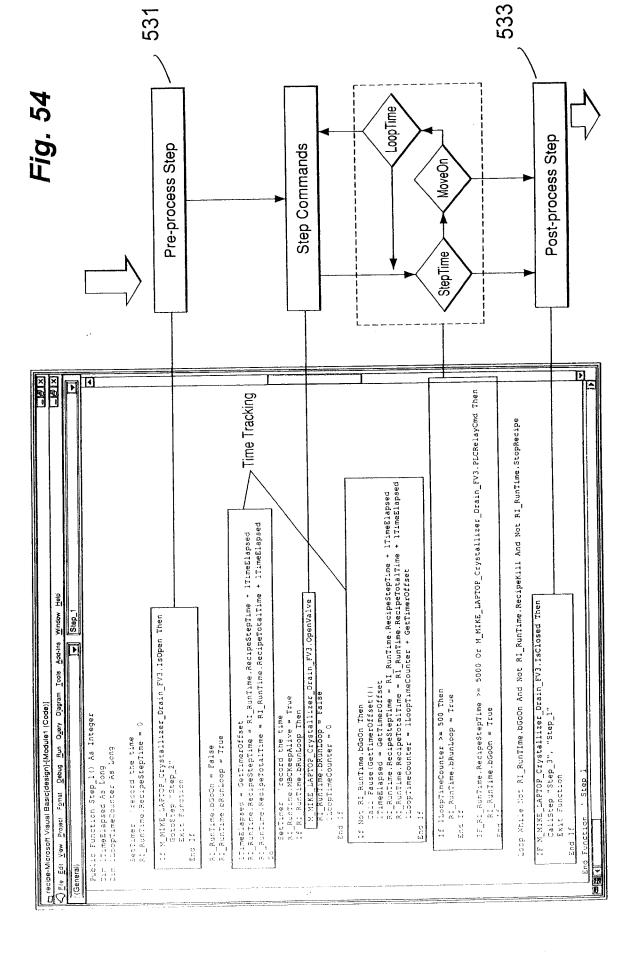
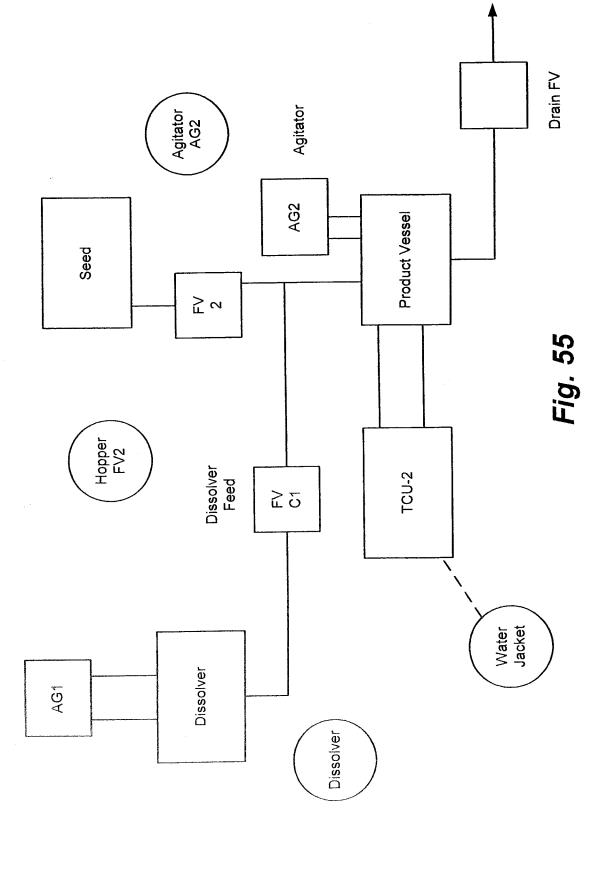
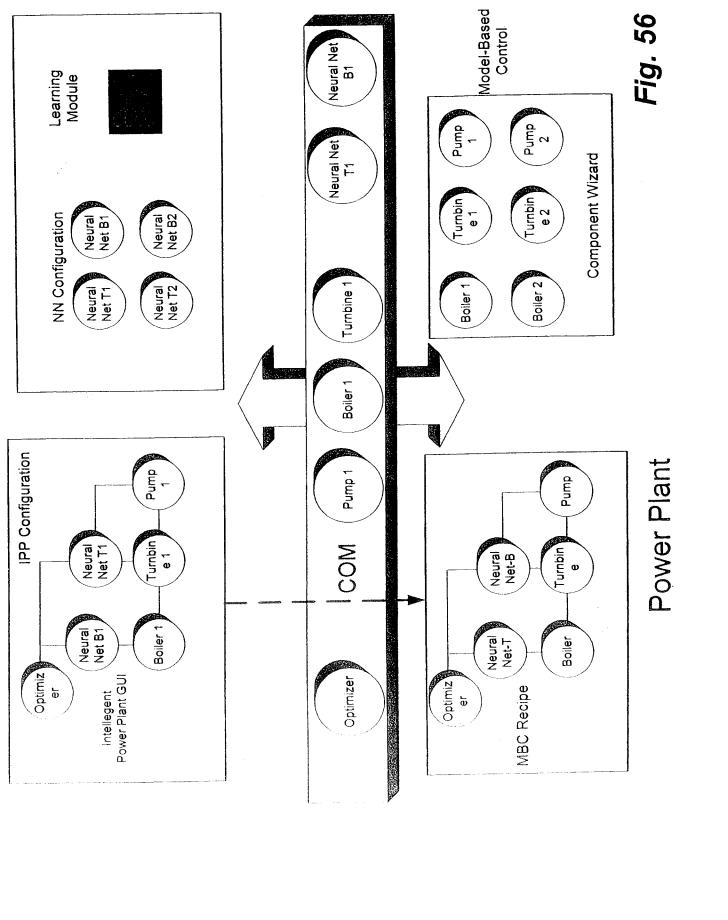


Fig. 52









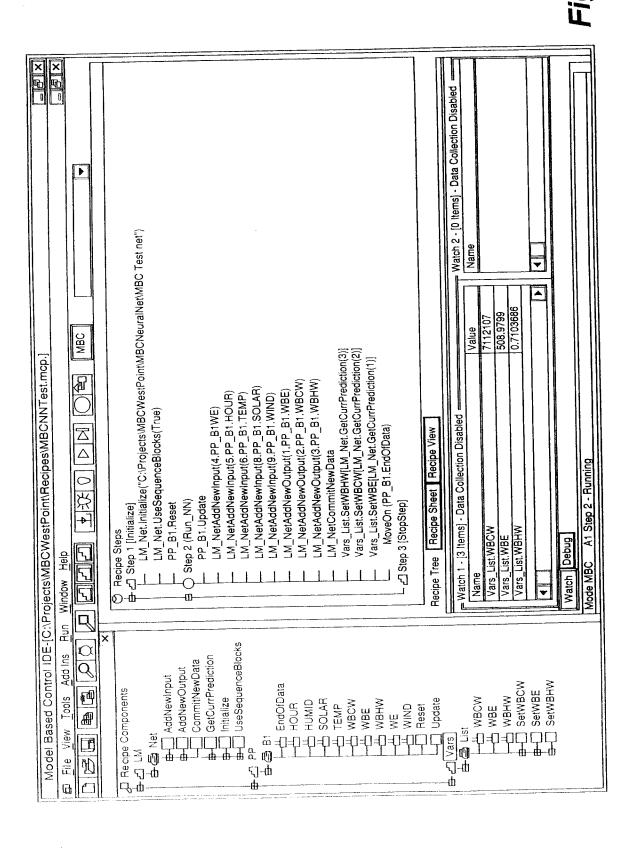
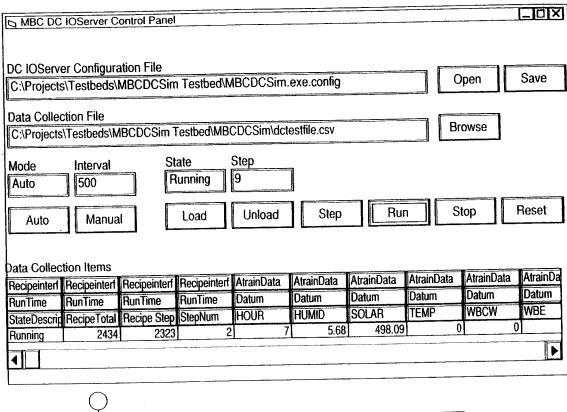


Fig. 58



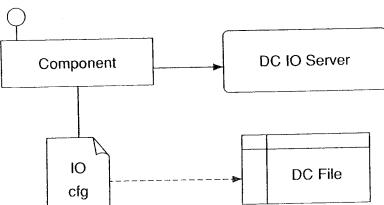


Fig. 59

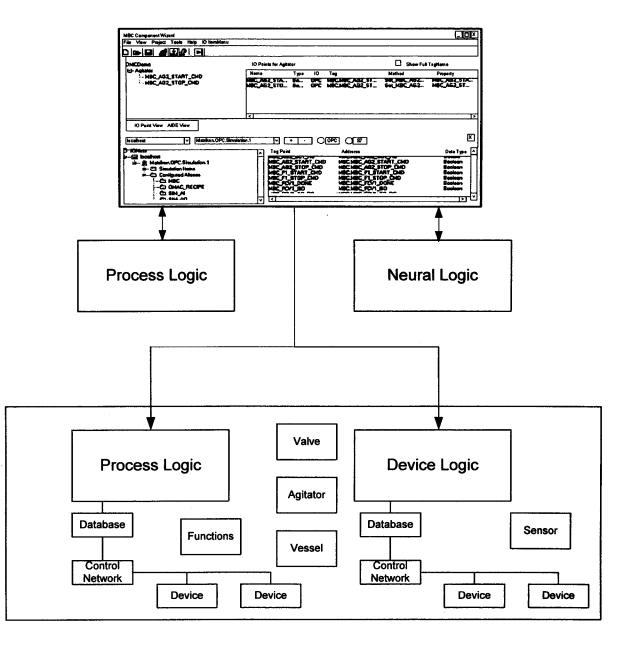


Figure 60

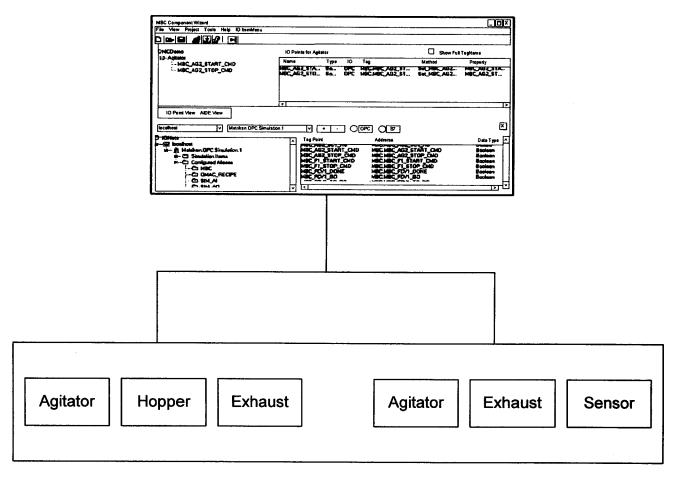


Figure 61

